What is claimed is:

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- 2 1. A thin type camera module comprising:
- 3 a fixing board;
- an imaging-sensing semiconductor assembly comprising a COF (chip-on film) wiring
- 5 film and an image sensing chip, wherein the COF wiring film has a surface, a window
- and a plurality of connecting ends disposed on the surface of the COF wiring film
- 7 around the window, the image sensing chip has a photosensitive surface
- 8 corresponding to the window, and a plurality of bumps are formed on peripherals of
- 9 the photosensitive surface, the image sensing chip is flip-chip mounted on the COF
- wiring film to electrically connect the bumps with the connecting ends; and
- a lens holder for connecting a camera lens, wherein the lens holder has a
- light-pervious channel and is connected with the fixing board to form a airtight space
- for sealing the image sensing chip, and the photosensitive surface of the image
- sensing chip is corresponding to the light-pervious channel for capturing image.
- 15 2. The thin type camera module in accordance with claim 1, further comprising at least
- an electric device electrically connected with the COF wiring film.
- 17 3. The thin type camera module in accordance with claim 2, wherein the electric device
- is a passive component.
- 19 4. The thin type camera module in accordance with claim 2, wherein the COF wiring
- film formed a module circuit electrically connecting the electric device.
- 21 5. The thin type camera module in accordance with claim 4, wherein the module circuit
- is formed on an extending surface of the COF wiring film without being covered by
- the lens holder.
- 24 6. The thin type camera module in accordance with claim 1, further comporising a
- sealant layer is formed around the window of the COF wiring film for enclosing the
- bumps of the image sensing chip.
- 7. The thin type camera module in accordance with claim 6, wherein the sealant layer is

- an anisotropic conductive film (ACF).

 The thin type camera module in accordance with claim 6, wherein the sealant layer is a non-conductive film (NCF).
- 9. The thin type camera module in accordance with claim 6, wherein the sealant layer is transparent thermosetting compound.
- 10. The thin type camera module in accordance with claim 1, wherein the COF wiring film has at least a conductive via electrically connecting the connecting ends.
- 8 11. The thin type camera module in accordance with claim 1, wherein the lens holder 9 comprises a filter aligning with the light-pervious channel.
- 10 12. The thin type camera module in accordance with claim 1, further comprising a camera lens connected with the lens holder.
- 13. The thin type camera module in accordance with claim 1, wherein the fixing board has a recession for locating the image sensing chip.
- 14 14. The thin type camera module in accordance with claim 1, wherein the airtight space isin vacuum state.
- 15. The thin type camera module in accordance with claim 1, wherein the airtight spacefilled with inert gas.

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